



Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 3

Complete If Known

Application Number	10/693,300
Filing Date	October 23, 2003
First Named Inventor	Peng, Xinzhan
Art Unit	1751
Examiner Name	To Be Assigned
Attorney Docket Number	020031-002710US

U.S. PATENT DOCUMENTS+

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
✓	1.	3,094,536 A	08-18-1983	Kenney	
✓	2.	4,997,928 A	03-05-1991	Hobbs, Jr.	
✓	3.	5,135,717 A	08-04-1992	Renzoni et al.	
✓	4.	5,171,534 A	12-15-1992	Smith et al.	
✓	5.	5,332,666 A	07-26-1994	Prober et al.	
✓	6.	5,346,670 A	09-13-1994	Renzoni et al.	
✓	7.	5,403,928 A	04-04-1995	Arthenius	
✓	8.	5,846,703 A	12-08-1998	Devlin et al.	
✓	9.	5,872,248 A	02-16-1999	Cheng et al.	
✓	10.	6,027,709 A	02-22-2000	Little et al.	
✓	11.	6,060,598 A	05-09-2000	Devlin et al.	
✓	12.	6,323,186 B1	11-27-2001	Klaubert et al.	
✓	13.	2002/0077487 A1	08-20-2002	Leung et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
✓	14.	EP	1 038 938	A2	09-27-2000	Nisshinbo Industries		<input type="checkbox"/>
✓	15.	WO	89/09282	A1	10-05-1989	Cemu Bioteknik		<input type="checkbox"/>
✓	16.	WO	91/11533	A1	08-08-1991	E.I Du Pont De Nemours		<input type="checkbox"/>
✓	17.	WO	91/18007	A1	11-28-1991	Diatron Corp.		<input type="checkbox"/>
✓	18.	WO	92/03575	A1	03-05-1992	Jones et al.		<input type="checkbox"/>
✓	19.	WO	94/05688	A1	03-17-1994	Applied Biosystems, Inc.		<input type="checkbox"/>
✓	20.	WO	02/096913	A1	12-05-2002	Gentian AS		<input type="checkbox"/>
✓	21.	WO	02/24815	A1	03-28-2002	LI-COR, Inc.		<input type="checkbox"/>
✓	22.	WO	03/082988	A1	10-09-2003	General Hospital Corp.		<input type="checkbox"/>

Examiner Signature

Date Considered

2-26-05

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² Kind Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

60174266 v1

Substitute for form 1449B/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/693,300
				Filing Date	October 23, 2003
				First Named Inventor	Peng, Xinzhan
				Art Unit	1751
				Examiner Name	To Be Assigned
Sheet	2	of	3	Attorney Docket Number	020031-002710US

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	23.	BARREL, B., "DNA sequencing: present limitations and prospects for the future" FASEB Journal 5(1):40-45 (1991).			
	24.	BRUSCHI, P. et al., "Sensing properties of polypyrrole-polytetrafluoroethylene composite thin films from granular metal-polymer precursors" Sensors and Actuators A 32:313-317 (1992).			
	25.	CHEN, Z. et al., "Monomerization of cationic phthalocyanine in AOT reversed micelles" Langmuir 17:7957-7959 (2001).			
	26.	DE FILIPPIS, M. et al., "Synthesis of a new water-soluble octa-cationic phthalocyanine derivative for PDT" Tetrahedron Lett 41:9143-9147 (2000).			
	27.	ESPOSITO, J. et al., "The synthesis and physical properties of some organo- and organosilicon phthalocyanines" Inorganic Chemistry 5(11):1979-1984 (1979) (Reprinted from 1966).			
	28.	HERMANSON, G., <u>Bioconjugate Techniques</u> , Pierce Chemical Company, Rockford Illinois, Academic Press, pp.487-492 (1995).			
	29.	HU, M. et al., "Hydroxyphthalocyanines as potential photodynamic agents for cancer therapy" J. Med. Chem. 41:1789-1802 (1998).			
	30.	INNIS M. et al., "DNA sequencing with <i>Thermus aquaticus</i> DNA polymerase and direct sequencing of polymerase chain reaction-amplified DNA" Proc Natl Acad Sci U S A. 85(24):9436-40 (1988).			
	31.	JOLIVE, C. et al., "Conductive polyethylene as sensitive layer for gas detection" Sensors and Actuators B 29:75-80 (1995).			
	32.	JOYNER, R. et al., "Diphenoxysilicon phthalocyanine" J. Inorg. Nucl. Chem. 15:387-388 (1960)			
	33.	KASUGA, K. et al., "Preparation of unsymmetrical phthalocyanine by means of a ring expansion of subphthalocyanine" Inorganica Chimica Acta 196: 127-128 (1992).			
	34.	KIMURA, M. et al., "Catalytic oxidation of 2-mercaptoethanol by cationic water-soluble phthalocyaninatocobalt(II) complexes" J. Porphyrins and Phthalocyanines 1:309-313 (1997).			
	35.	KOBAYASHI, N. et al., "New route to unsymmetrical phthalocyanine analogues by the use of structurally distorted subphthalocyanines" J. Am. Chem. Soc. 112:9640-9641 (1990).			
	36.	LICHA, K., "Contrast agents for optical imaging" <u>Topics in Current Chemistry</u> Vol. 222, Springer-Verlag Berlin Heidelberg, pp.1-29 (2002).			
	37.	LUNDBERG, B. et al., "Resistivity of a composite conducting polymer as a function of temperature, pressure, and environment: Applications as a pressure and gas concentration transducer" J. Appl. Phys. 60(3):1074-1079 (1988).			
	38.	MAXAM, A. et al., "Sequencing end-labeled DNA with base-specific chemical cleavages" Meth. in Enzym. 65:499-560 (1980).			
	39.	MIDDENDORF, L. et al., "Sequencing Technology" Chapter in <u>Biotechnology, Volume 5b, Genomics and Bioinformatics</u> Rehm and Reed (Eds.), Wiley-VCH Publishers, Germany, (2001) ISBN: 3-527-28328-5.			
	40.	MINNOCK, A. et al., "Mechanism of uptake of a cationic water-soluble pyridinium zinc phthalocyanine across the outer membrane of <i>Escherichia coli</i> " Antimicrobial Agents and Chemotherapy 44(3):522-527 (2000).			

Examiner Signature		Date Considered	2/26/05
--------------------	--	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449B/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/693,300
				Filing Date	October 23, 2003
				First Named Inventor	Peng, Xinzhan
				Art Unit	1751
				Examiner Name	To Be Assigned
Sheet	3	of	3	Attorney Docket Number	020031-002710US

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	41.	MINNOCK, A. et al., "Photoinactivation of bacteria. Use of a cationic water-soluble zinc phthalocyanine to photoactivate both gram-negative and gram positive bacteria" J. Photochem. Photobiol. B: Biol. 32 (3):159-164 (1996) Abstract Only.		
	42.	NEUBURGER, G. et al., "Chemically actuated electronic switch" Sensors and Actuators, B1 328-332 (1990).		
	43.	NGAI, T. et al., "Disstacking of phthalocyanine in water by poly(ethylene oxide)" Langmuir 17:1381-1383 (2001).		
	44.	RUSCHAU, G. et al., "0-3 ceramic/polymer composite chemical sensors" Sensors and Actuators 20:269-275 (1989).		
	45.	SANGER et al., " DNA sequencing with chain-terminating inhibitors" Proc. Natl. Acad. Sci. USA 74(12):5463-7 (1977).		
	46.	SASTRE, A. et al., "Synthesis of novel unsymmetically substituted push-pull phthalocyanines" J. Org. Chem. 61(24):8591-8597 (1996).		
	47.	SASTRE, A. et al., "Synthesis of novel unsymmetrical monoaminated phthalocyanines" Tetrahedron Letters 36(46):8501-8504 (1995).		
	48.	SHARMAN, W. et al., "Novel water-soluble phthalocyanines substituted with phosphonate moieties on the benzo rings" Tetrahedron Lett. 37(33):5831-5834 (1996).		
	49.	STAHL, S. et al., "Solid phase DNA sequencing using the biotin-avidin system" Nucleic Acids Res. 16(7):3025-38 (1988).		
	50.	TABOR, S. et al., " DNA sequence analysis with a modified bacteriophage T7 DNA polymerase" Proc. Natl. Acad. Sci. USA 84:4767-71 (1987).		
	51.	TRAINOR, G., " DNA sequencing, automation, and the human genome" Anal. Chem. 62(5):418-428 (1990).		
	52.	WANG, X. et al., " Synthesis, spectral and aggregation properties of a novel water-soluble tetracarboxynaphthalocyanatozinc" Dyes and Pigments 41(3):193-198 (1999).		
	53.	WEBER, J. et al., "Complexes derived from strong field ligands. XIX. Magnetic properties of transition metal derivatives of 4,4',4'',4'''-tetrasulfophthalocyanine" Inorg. Chem. 4(4):469-471 (1965).		
	54.	WEITEMEYER, A. et al., "Unsymmetrically substituted phthalocyanine derivatives via a modified ring enlargement reaction of unsubstituted subphthalocyanine" J. Org. Chem. 60:4900-4904 (1995).		
	55.	YANG, Y. et al., "Dimerization of cobalt(II) tetrasulfonated phthalocyanine in water and aqueous alcoholic solutions" Inorg. Chem. 24:1765-1769 (1985).		
	56.	ZAHEER, A. et al., "In vivo near-infrared fluorescence imaging of osteoblastic activity" Nature Biotech. 19:1148-1154 (2001).		

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.